

INTERNATIONAL SEARCH REPORT

International Application No
PCT/DK2004/000395

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H01S3/06 H01S3/063

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H01S

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>CHERN G D ET AL: "Directional laser emission from square, spiral and mismatched semi-circular dye-doped polymer based micropillar cavities" SUMMARIES OF PAPERS PRESENTED AT THE QUANTUM ELECTRONICS AND LASER SCIENCE CONFERENCE. (QELS 2002). TECHNICAL DIGEST. CONFERENCE EDITION. LONG BEACH, CA, MAY 19 - 24, 2002, TRENDS IN OPTICS AND PHOTONICS. (TOPS), WASHINGTON, WA: OSA, US, vol. 74, 19 May 2002 (2002-05-19), pages 25-26, XP010612680 ISBN: 1-55752-708-3 the whole document</p> <p>-----</p> <p style="text-align: center;">-/-</p>	1

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the International filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the International filing date but later than the priority date claimed

- *T* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the International search

20 January 2005

Date of mailing of the International search report

31/01/2005

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	BEN MESSAOUD T ET AL: "Laser threshold of polymer cylindrical microresonators" ORGANIC MATERIALS FOR DEVICE APPLICATIONS. SYMPORIUM F E-MRS SPRING MEETING, STRASBOURG, FRANCE, 18-21 JUNE 2002, vol. 138, no. 1-2, 18 June 2002 (2002-06-18), - 21 June 2002 (2002-06-21) pages 347-351, XP002273018 Synthetic Metals, 2 June 2003, Elsevier, Switzerland ISSN: 0379-6779 the whole document	1,2 44-46, 49,56
Y	US 4 955 034 A (SCERBAK DAVID G) 4 September 1990 (1990-09-04) column 9 - column 12; figures 7,14,17	1,2
A	SASAKI M ET AL: "Anisotropically etched Si mold for solid polymer dye microcavity laser" DIGEST OF PAPERS MICROPROCESSES AND NANOTECHNOLOGY 2000. 2000 INTERNATIONAL MICROPROCESSES AND NANOTECHNOLOGY CONFERENCE, TOKYO, JAPAN, 11-13 JULY 2000, vol. 39, no. 12B, 11 July 2000 (2000-07-11), - 13 July 2000 (2000-07-13) pages 7145-7149, XP002273017 Japanese Journal of Applied Physics, Part 1 (Regular Papers, Short Notes & Review Papers), Dec. 2000, Japan Soc. Appl. Phys, Japan ISSN: 0021-4922 the whole document	1,2, 44-46, 49,56
A	US 5 177 764 A (NILSSON ALAN C) 5 January 1993 (1993-01-05) column 19, line 10 - line 40; figures 9A,26	1,2
A	US 5 043 996 A (BYER ROBERT L ET AL) 27 August 1991 (1991-08-27) figures 9,10	1,2, 44-46, 49,56

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No
PCT/DK2004/000395

Patent document cited in search report	Publication date	Patent family member(s)			Publication date
US 4955034	A 04-09-1990	NONE			
US 5177764	A 05-01-1993	EP 0510118 A1 JP 5506960 T WO 9111042 A1 WO 9110273 A1			28-10-1992 07-10-1993 25-07-1991 11-07-1991
US 5043996	A 27-08-1991	NONE			